

Fig. 1

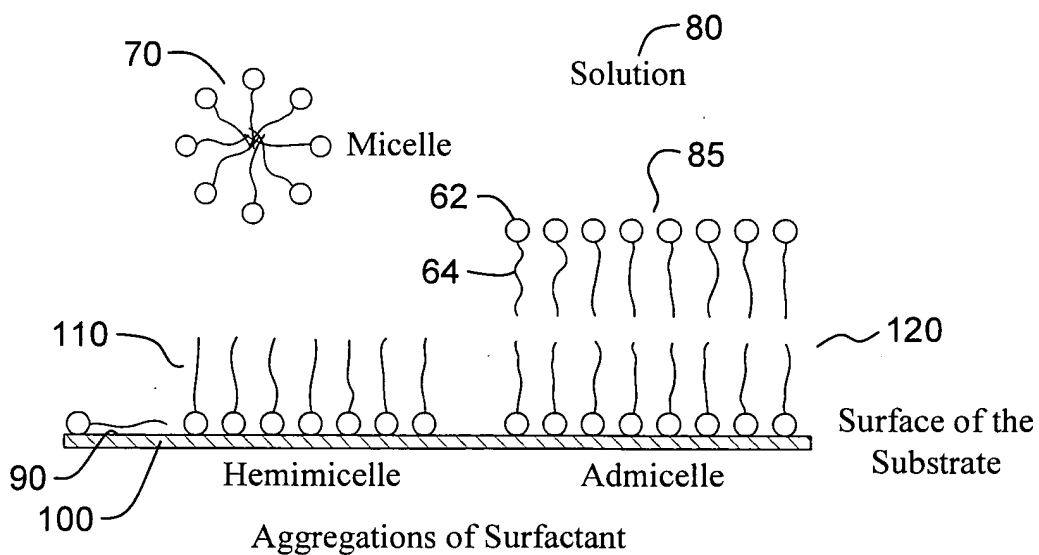
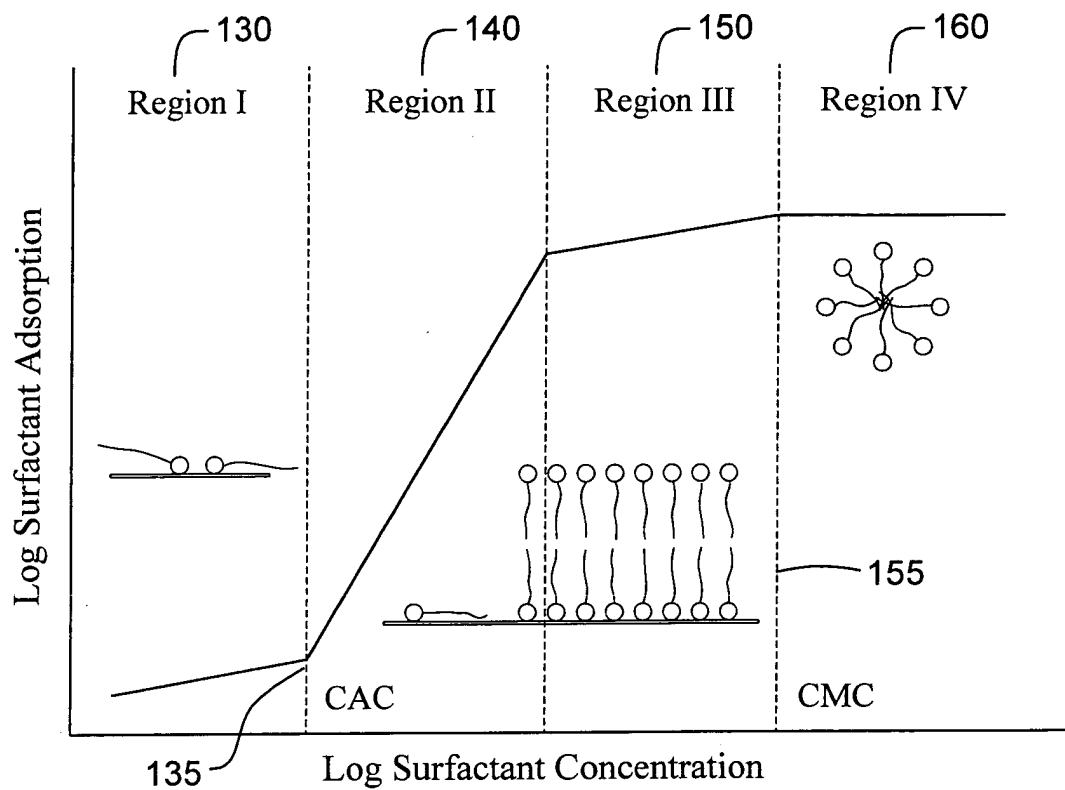


Fig. 2



Adsorption Isotherm of Surfactant
Fig. 3

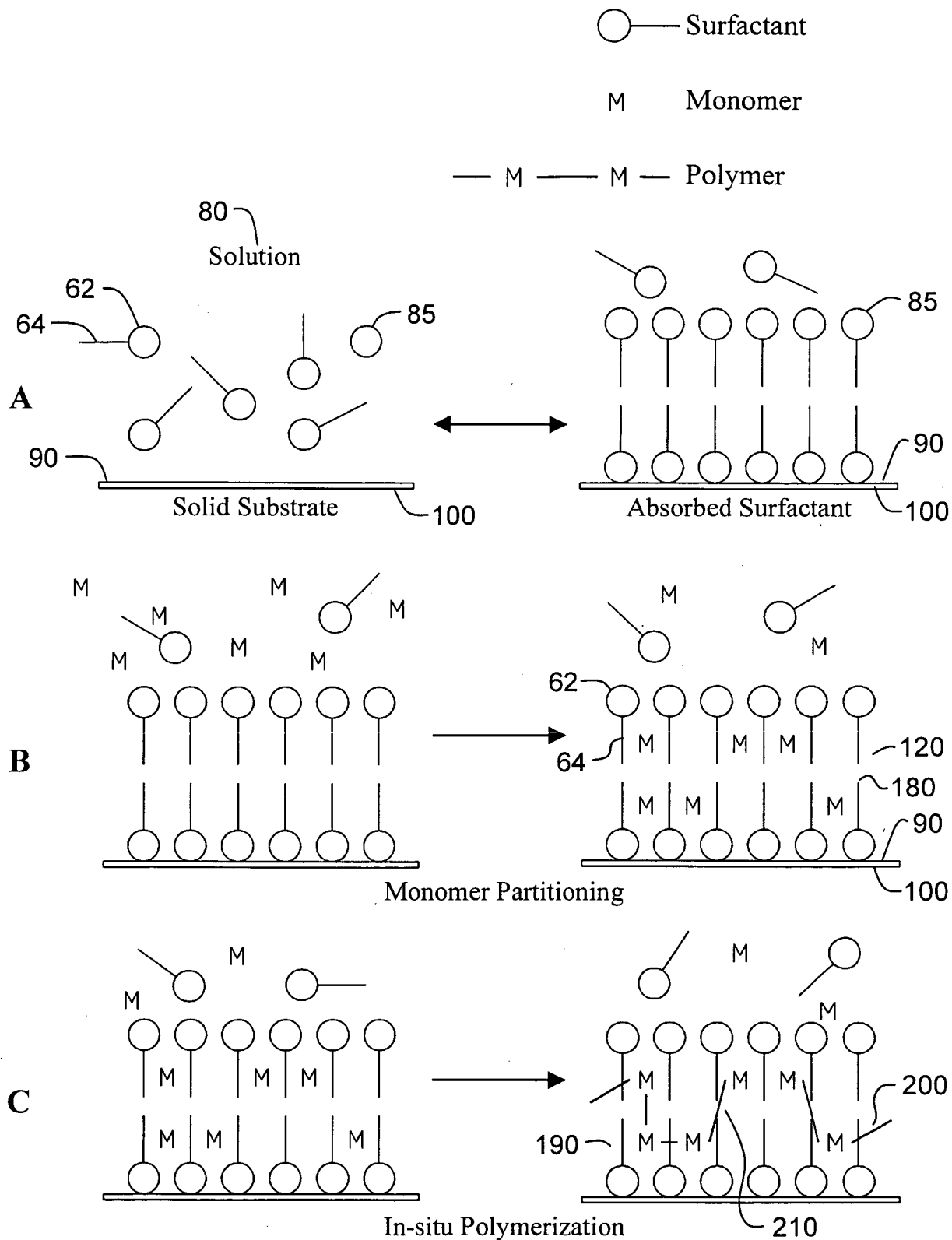


Fig. 4

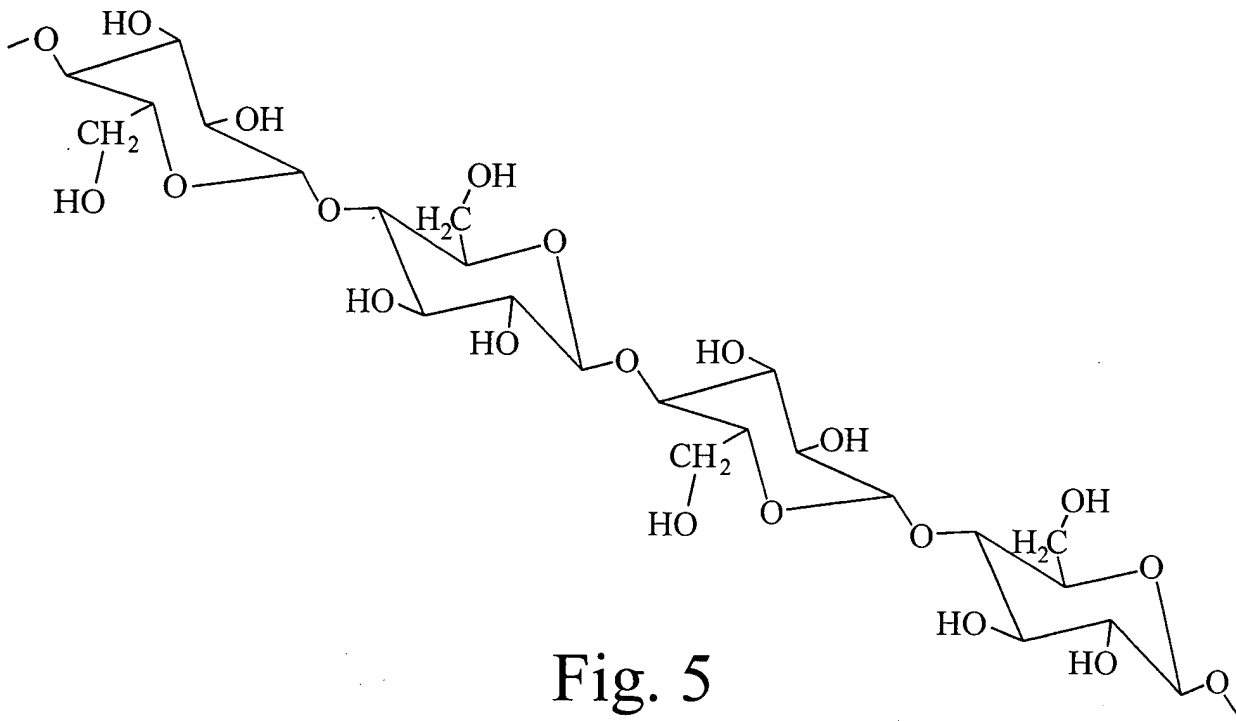


Fig. 5

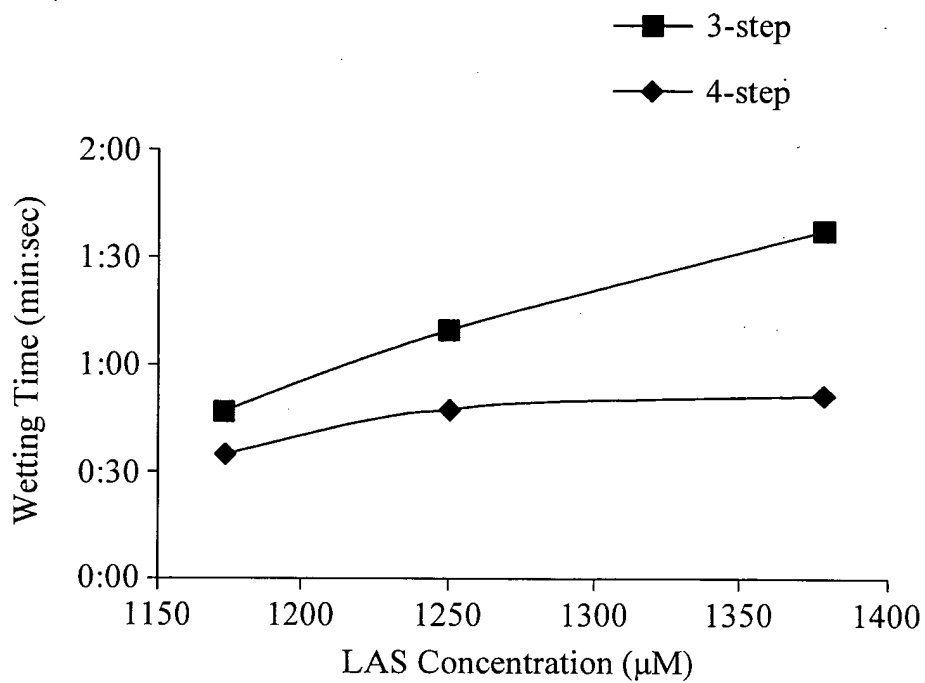
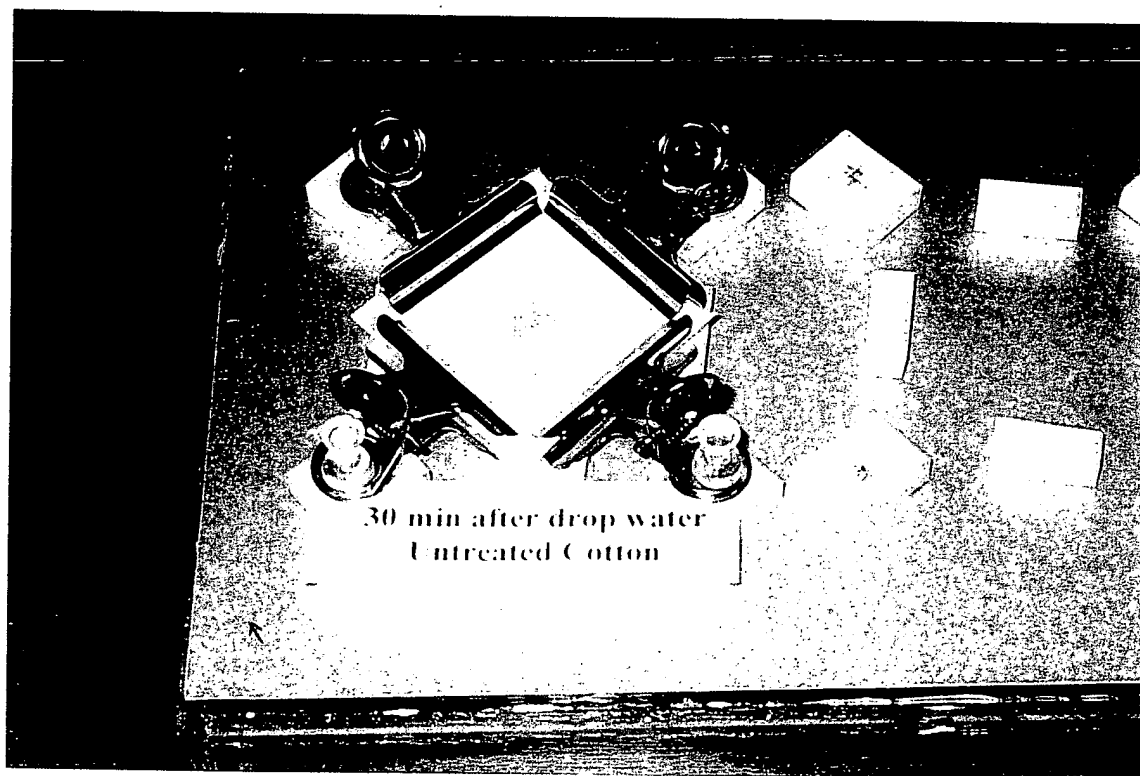
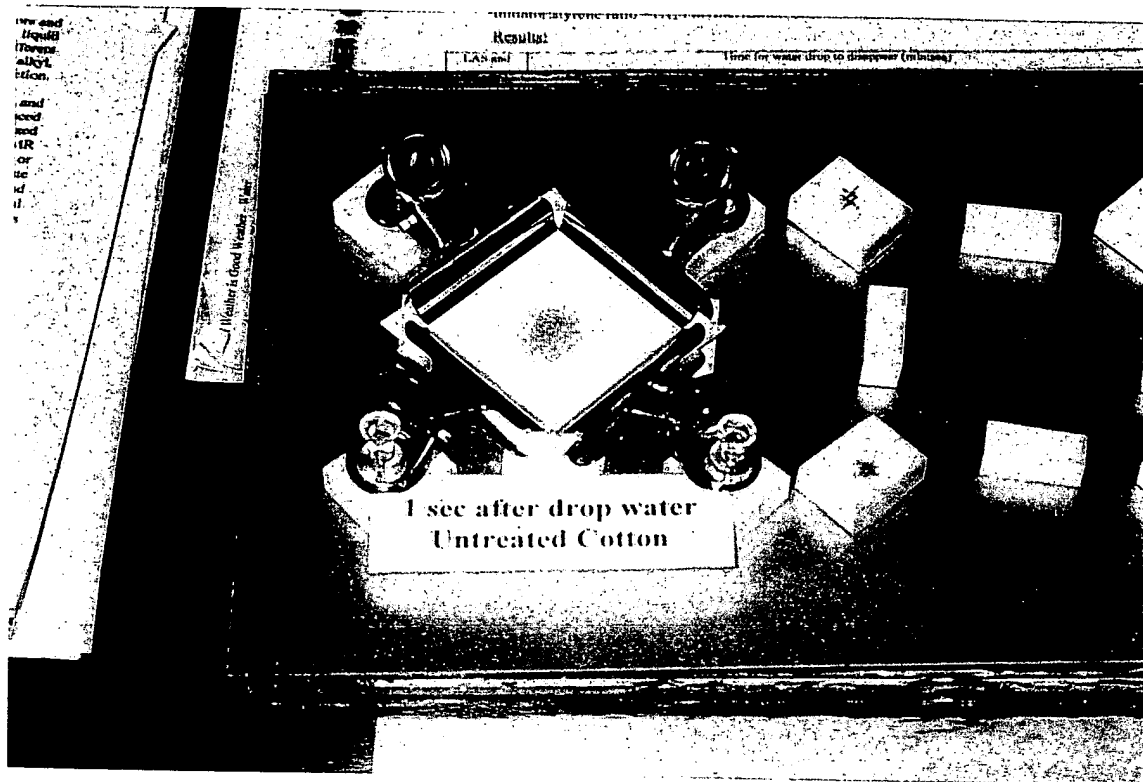
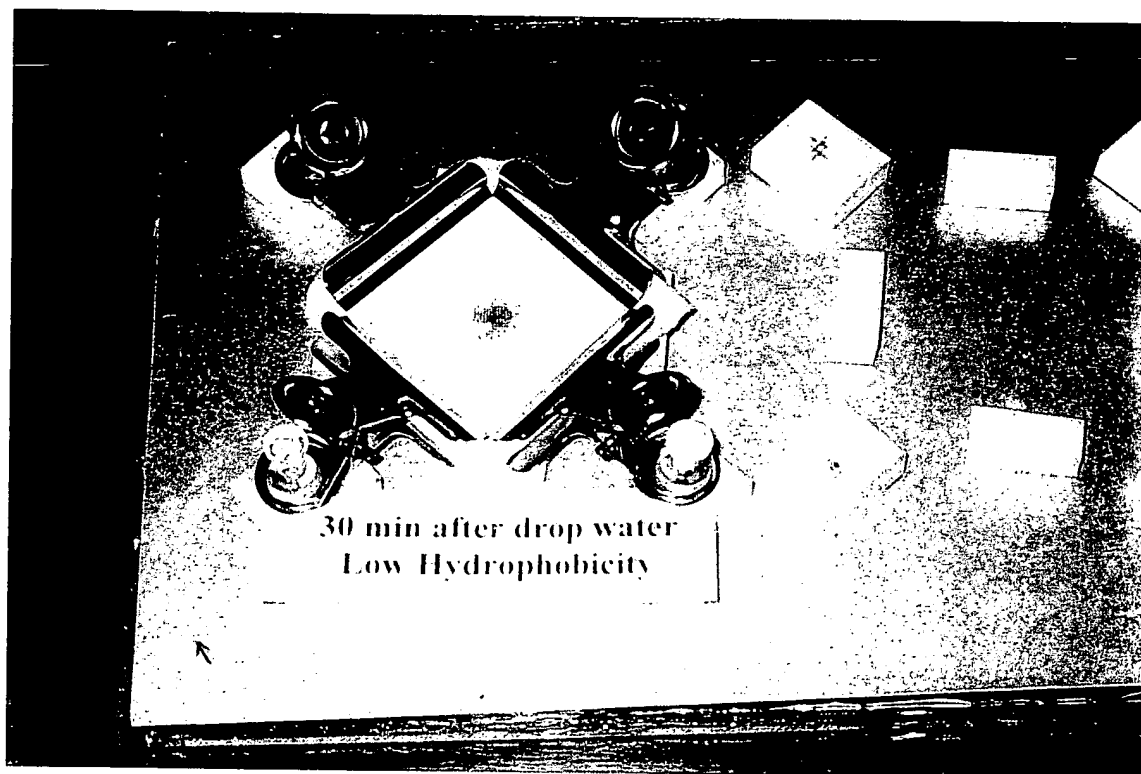
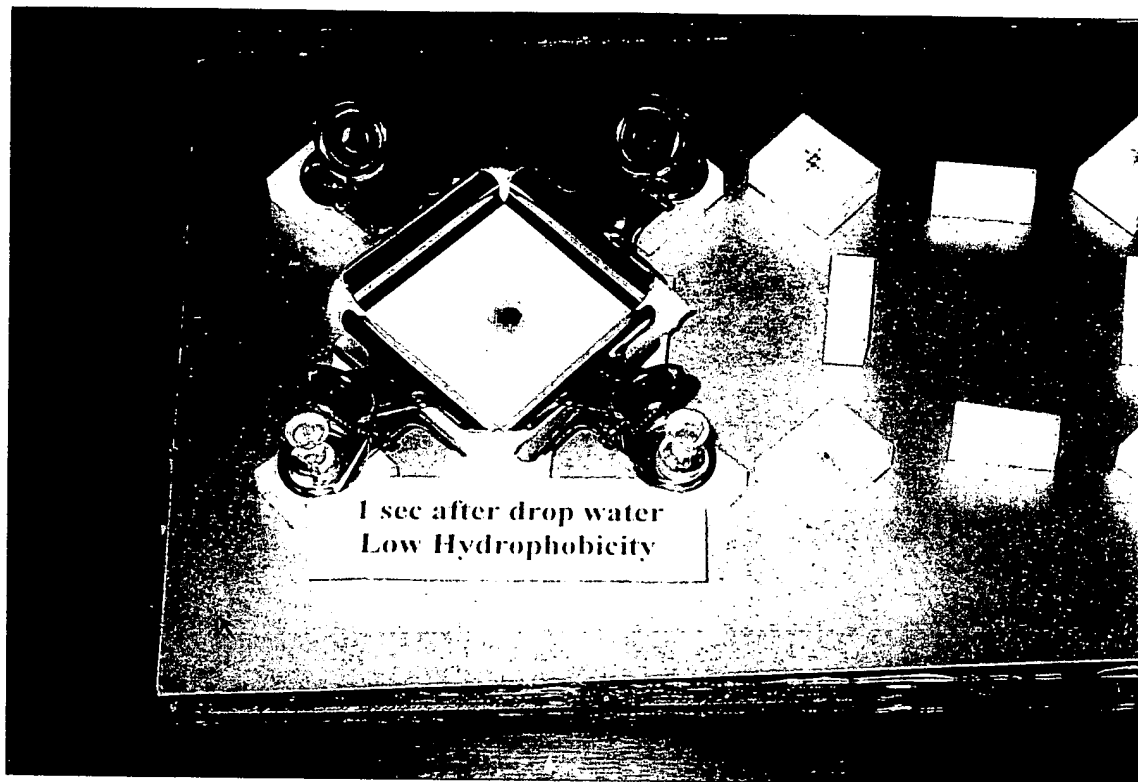


Fig. 7



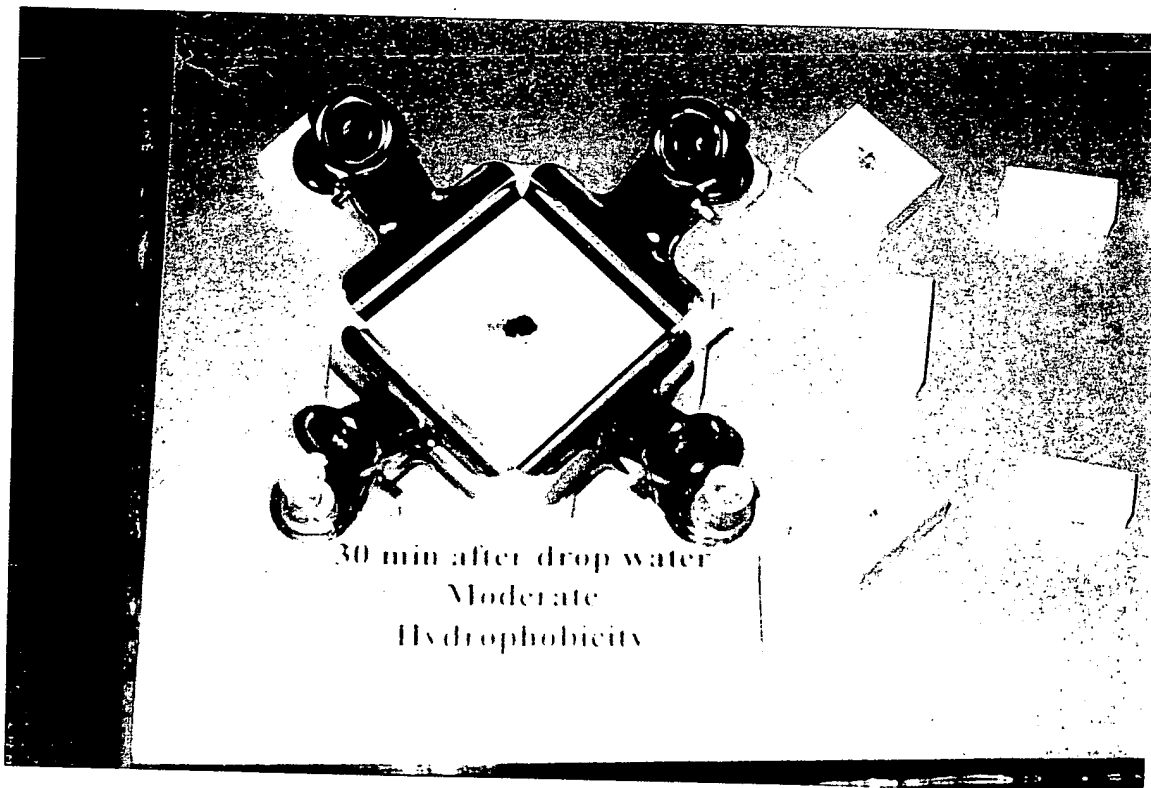
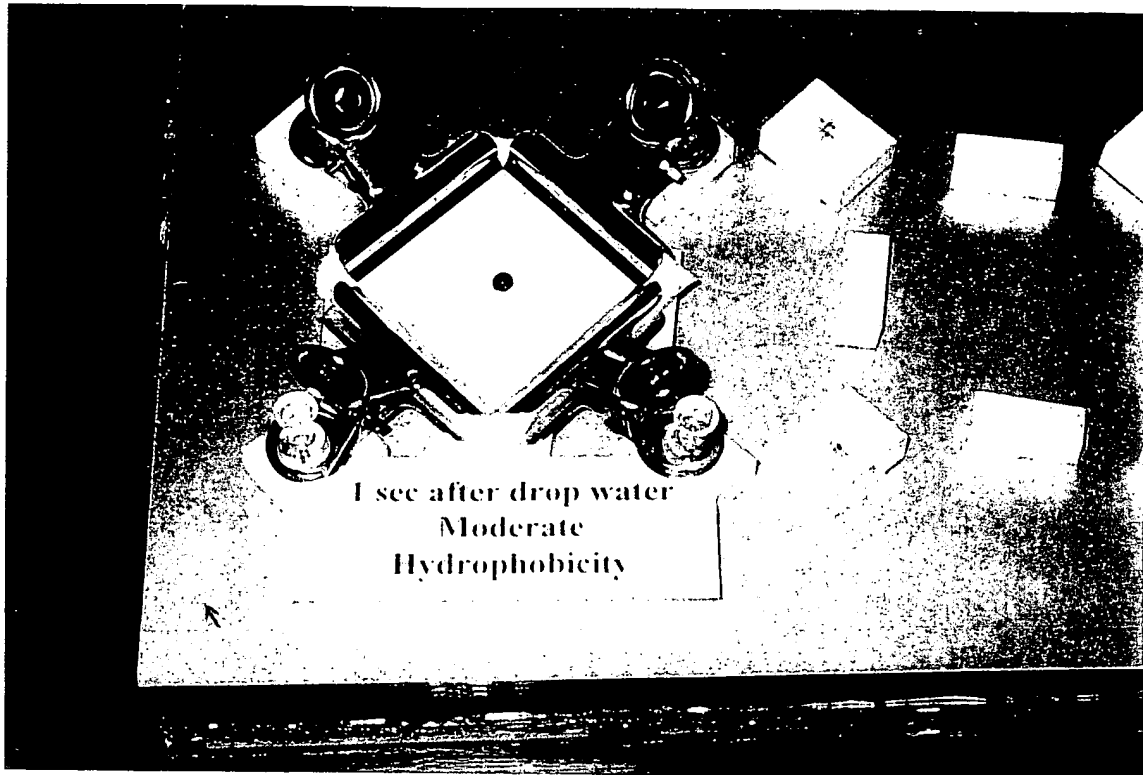
(a)

Figure 6



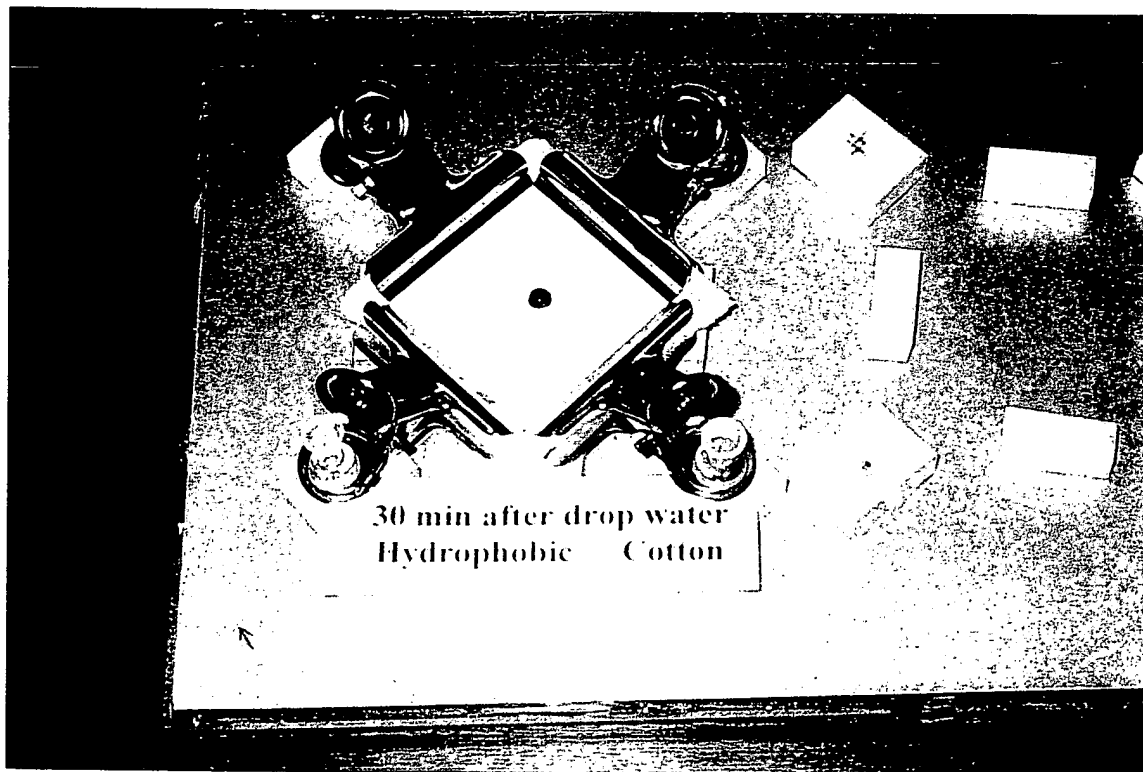
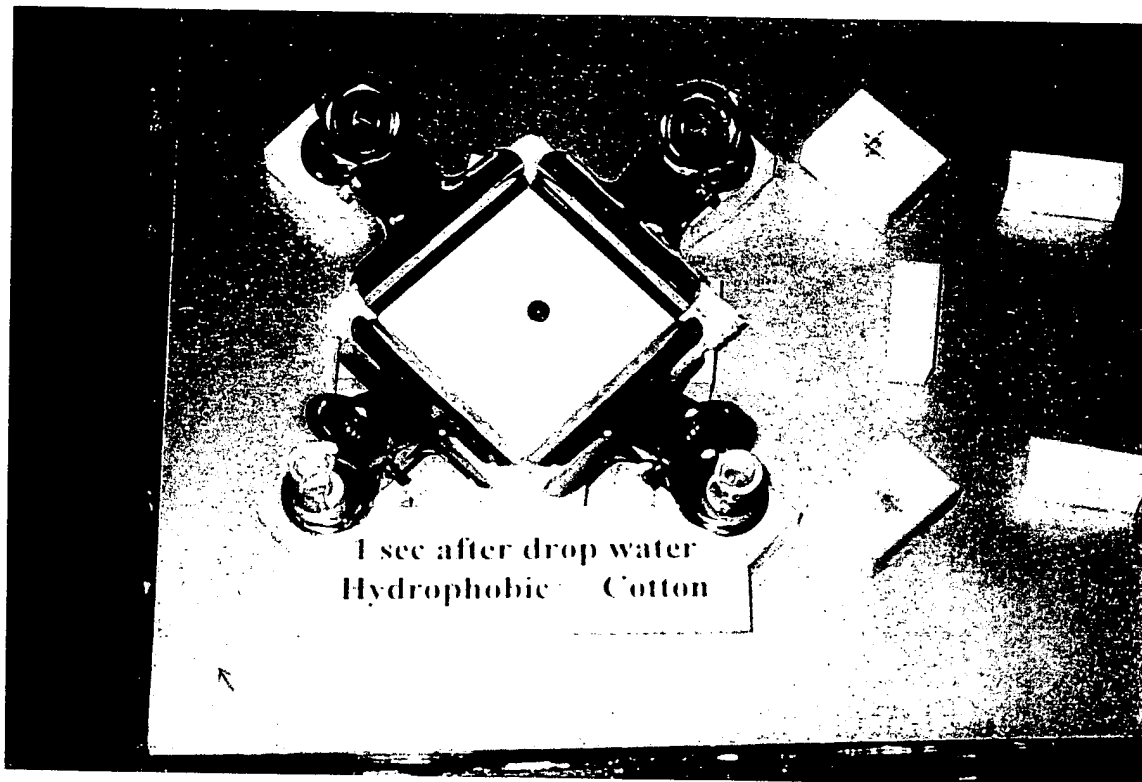
(b)

Figure 6

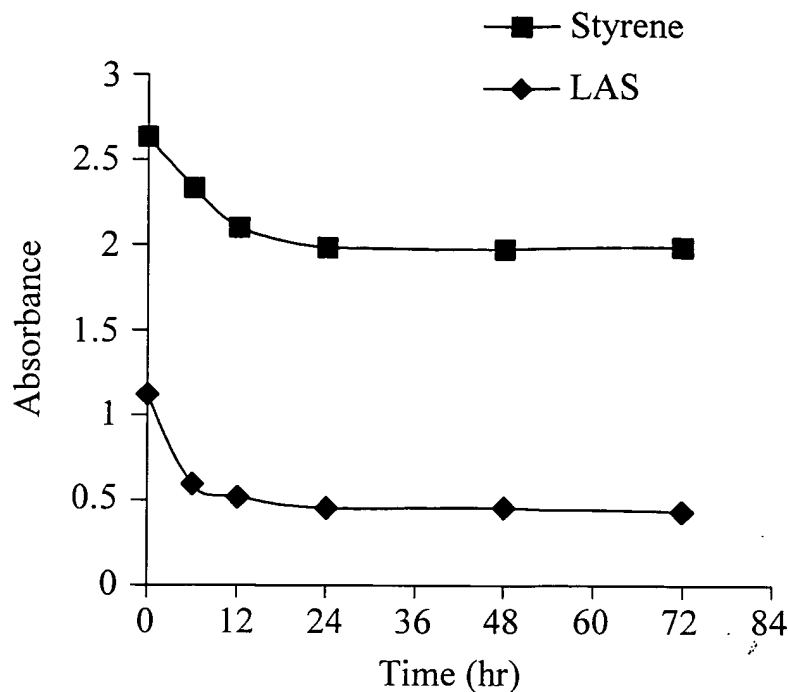


(c)

Figure 6

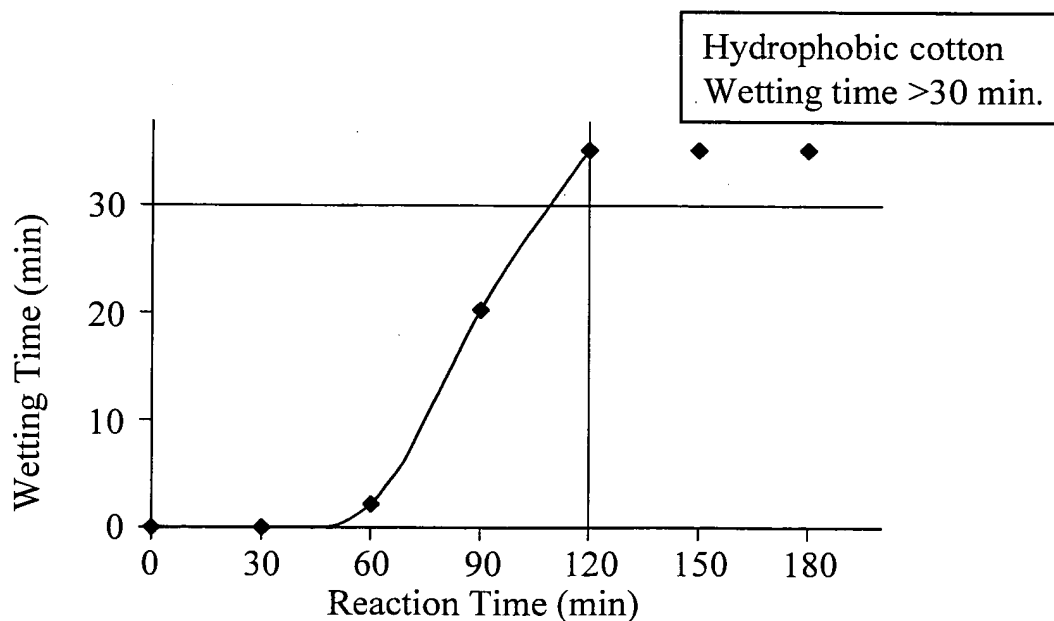


(d)
Figure 6



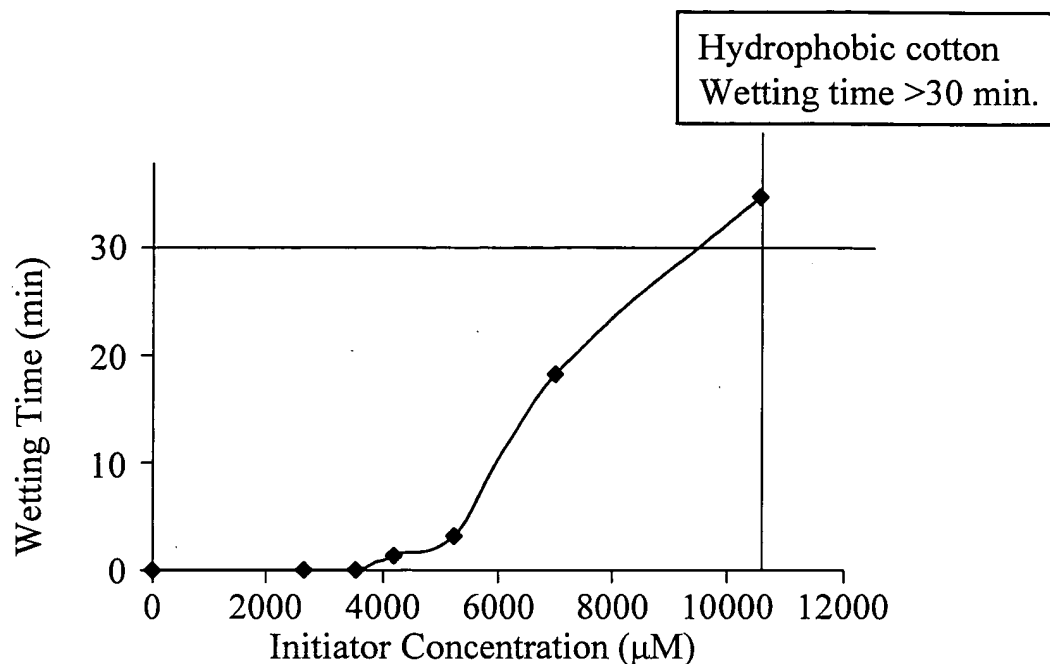
Change in LAS and Styrene concentration with time in admicelle formation and adsolubilization steps.

Fig. 8



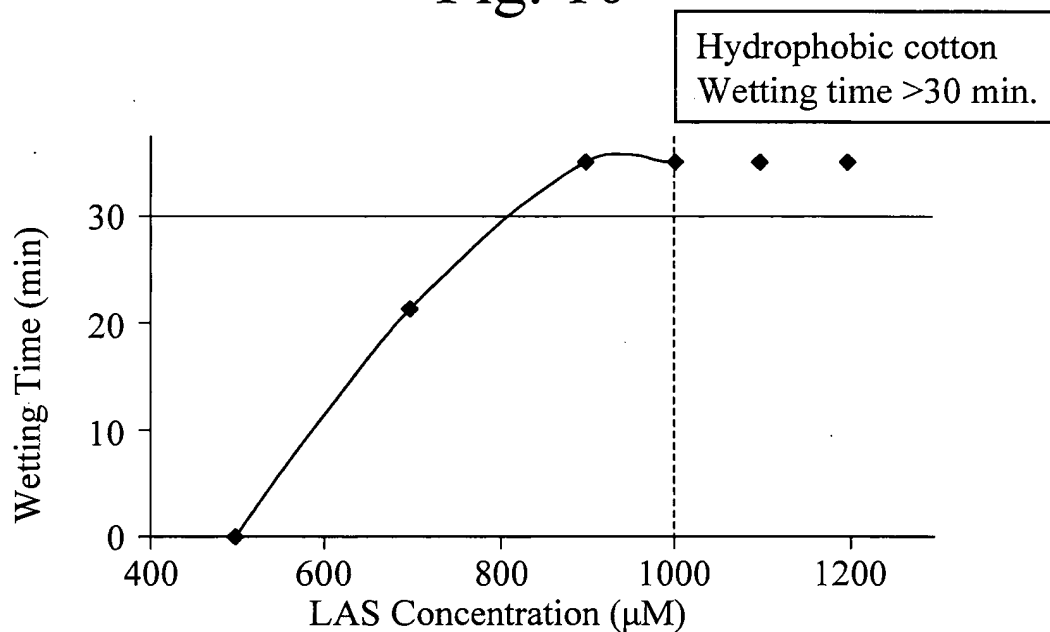
Wetting time of treated fabric with reaction time [LAS concentration 1000 μ M, LAS:Styrene ratio=1:10, Initiator:Styrene ratio=1:1, and Polymerization time=2 hrs at 80°C]

Fig. 9



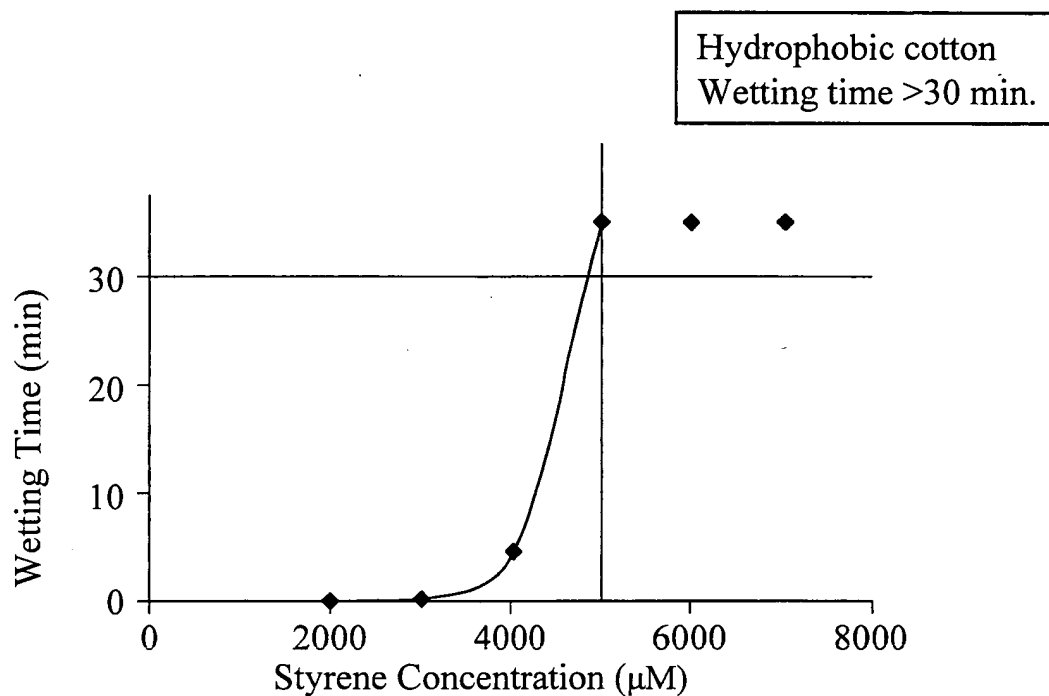
Wetting time of treated fabric with varying amount of initiator
 [LAS concentration 1000 μM , LAS:Styrene ratio=1:10, and
 Polymerization time=2 hrs at 80°C]

Fig. 10



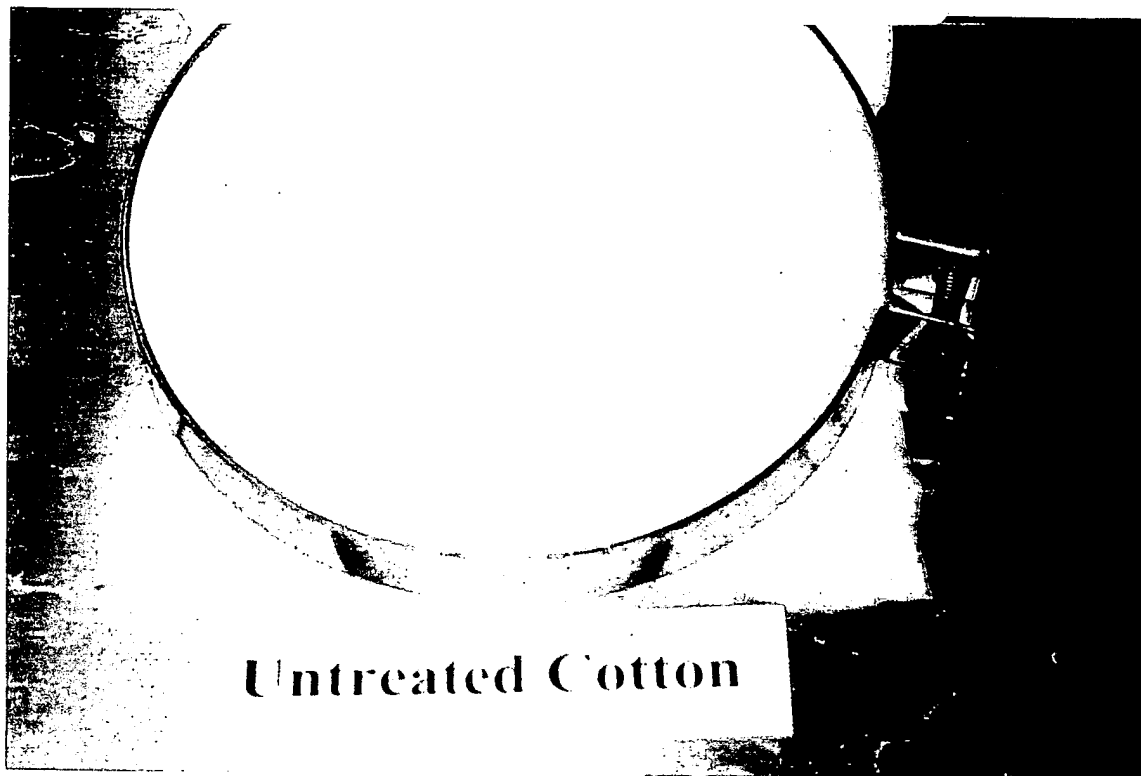
Wetting time of treated fabric with varying LAS concentration
 [LAS:Styrene ratio=1:10, Initiator:Styrene ratio=1:1, and
 Polymerization time=2 hrs at 80°C]

Fig. 11

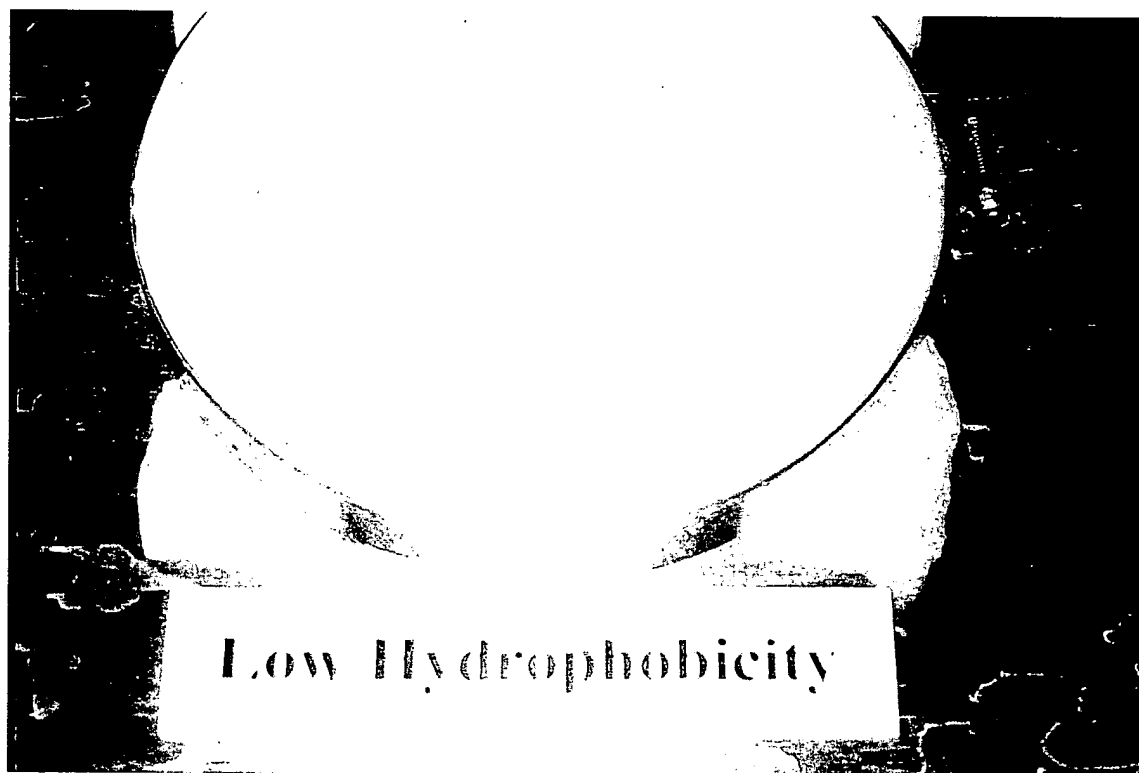


Wetting time of treated fabric with varying Styrene concentration
[LAS concentration 1000 μM, Initiator:Styrene ratio=1:1, and
Polymerization time=2 hrs at 80°C]

Fig. 12

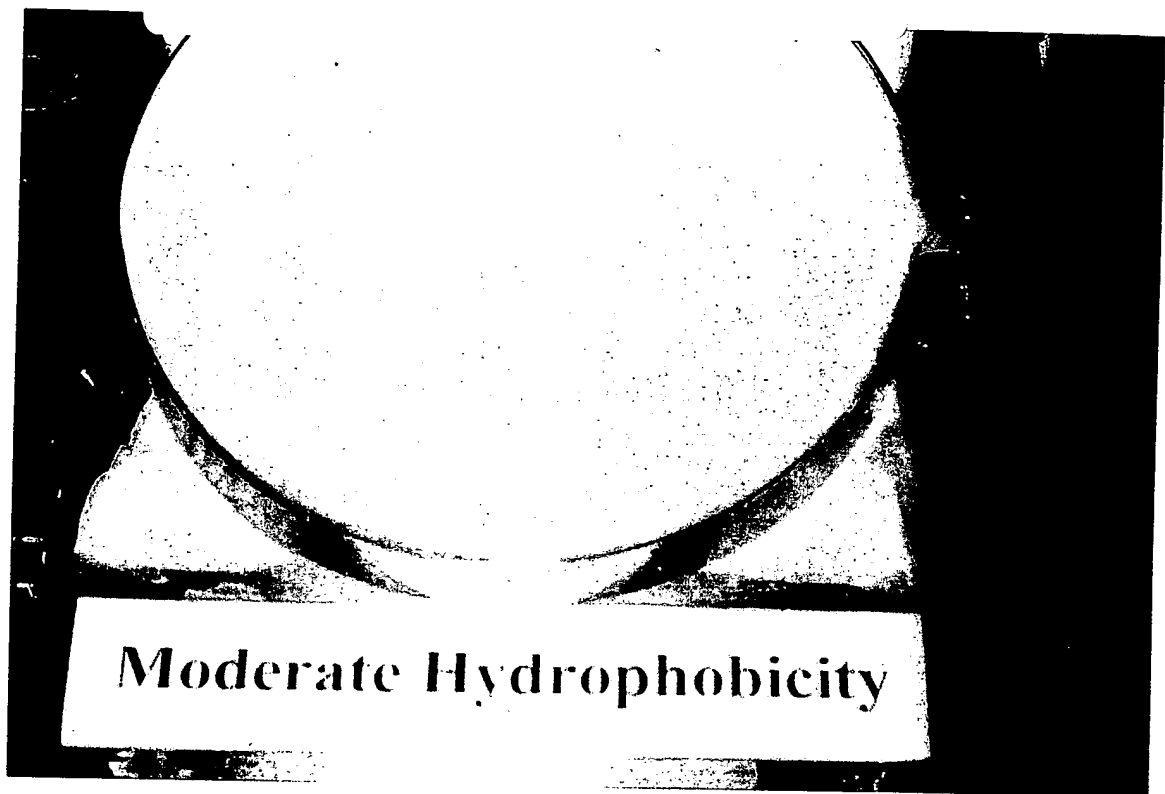


(a)

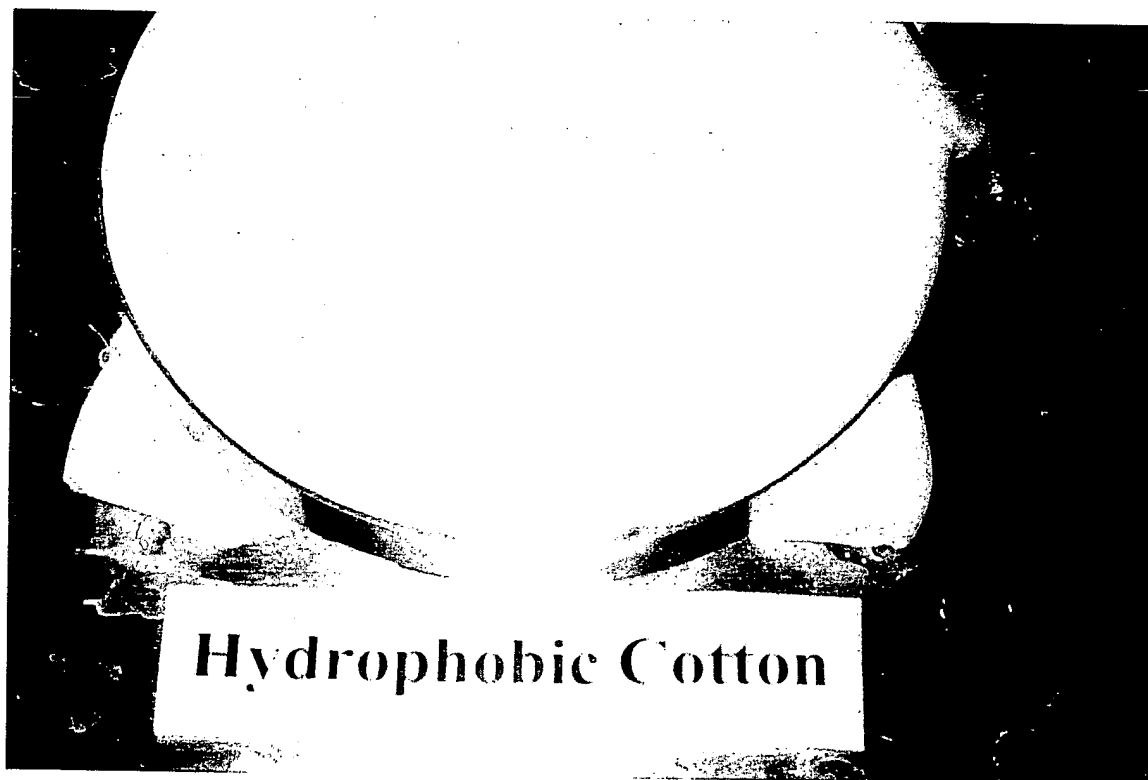


(b)

Figure 13

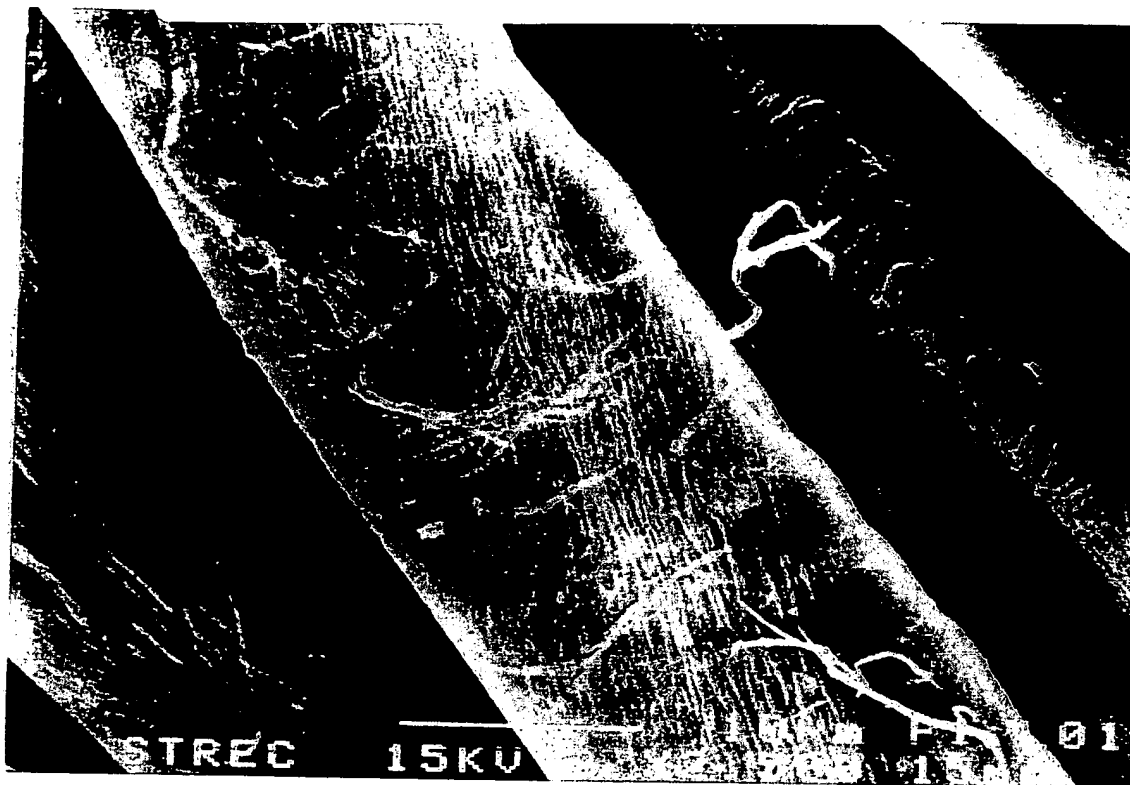


(c)

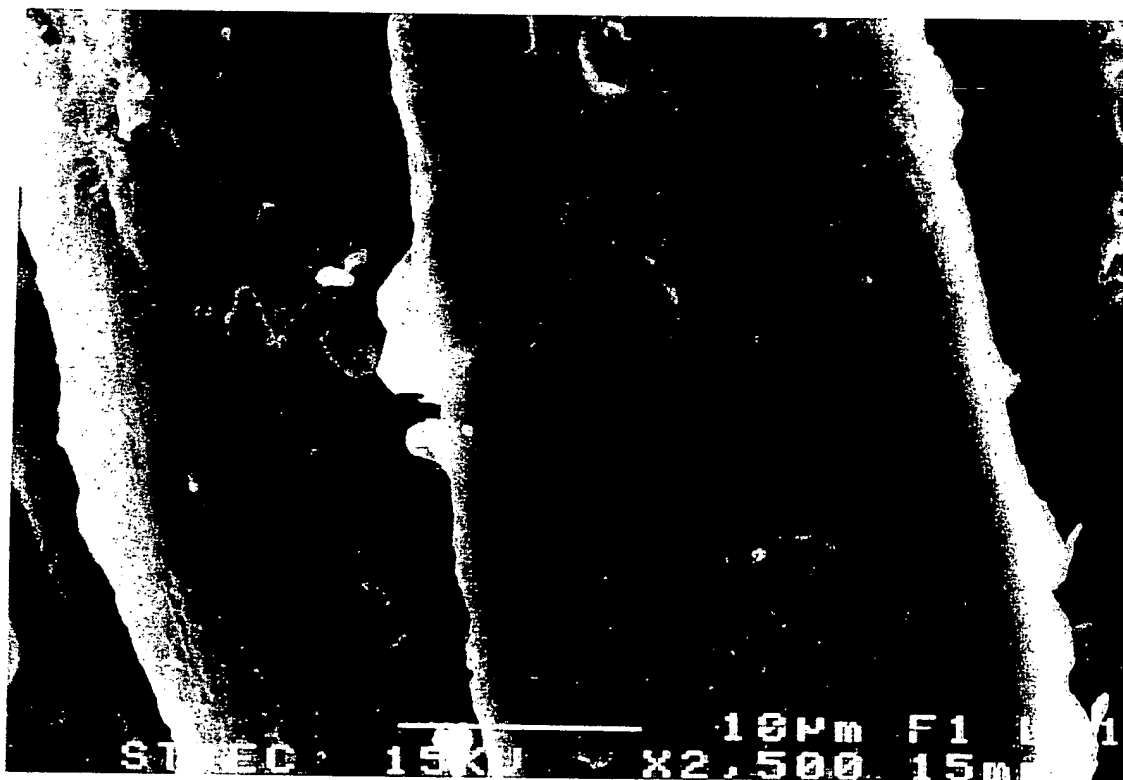


(d)

Figure 13



(a)



(b)

Figure 14